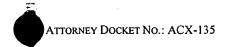


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TUNING CONTROL PARAMETERS OF VIBRATION REDUCTION AND MOTION CONTROL SYSTEMS FOR FABRICATION EQUIPMENT AND ROBOTIC SYSTEMS

Abstract

The invention is directed to acquiring and processing parameters used to adjust and tune a controller used, for example, to govern and compensate for motion, including vibrations and disturbances, in a physical system, such as a piece of manufacturing equipment. The invention may also be used to control, for example, a robot or other spatially dependent machine. Included in the invention are systems and methods for generating a controller, and for controlling motion in a physical system or apparatus.